

## INDEX

- Acacia, 186, 290, 322, 333, 334  
 — caven, 207  
 — cornigera, 199, 200  
 Acalypha, 93  
 Acetosella, 229  
 Achimenes, 365  
 Acronychia, 164, 165  
 — baueri, 164, 165, 167–169  
 — endlicheri, 168, 169  
 — hillii, 168  
 — imperforata, 165  
 — laevis, 164, 165  
 — leiocarpa, 165, 169  
 — obovata, 165  
 — oligophlebia, 165  
 — petiolaris, 169  
 — porteri, 165  
 — simplicifolia, 164, 168  
 — — subsp. neo-scotica, 169  
 — — subsp. petiolaris, 169  
 — — subsp. simplicifolia, 168  
 Adaptations in *Prosopis* (Leguminosae, Mimosoideae), Reproductive, 185  
 Additional Notes on the Genus *Flindersia* (Rutaceae), 243  
 Aechmea, 378  
 Aesculus, 357, 360  
 Agalma, 428–430  
 Ahernia, 26, 41, 45, 83  
 — glandulosa, 26  
 Albizia lebeck, 202  
 Alnus, 277, 310, 311, 333, 334  
 — incana subsp. tenuifolia, 135  
 — jorullensis, 333  
 — — exigua, 277  
 Amentiferae, 94  
 Ananas, 376–378, 395–397  
 Anatomy of the Xylem and Comments on the Relationships of Flacourtiaceae, Systematic, 20  
 Ancistrothyrus, 26, 74, 75, 88  
 — tessmanii, 26  
 Andromeda anastomosans, 241  
 Anetanthus, 364–368, 451, 452  
 — alatus, 364, 365, 368  
 — gracilis, 364, 365, 367, 368  
 — parviflorus, 364, 365, 368  
 — pusillus, 364, 365, 367  
 — villosus, 364, 367  
 Anetanthus (Gesneriaceae), The Genus, 364  
 Antidaphne, 301  
 Antidesma, 93  
 Antirhea tenuiflora, 245  
 Aperula, 10  
 Aphloia, 26, 77, 78, 86, 89, 90, 96  
 — myrtiflora, 26  
 — theiformis, 26, 77, 78  
 Apinagia, 457  
 Aporosella, 93  
 Aquilariaceae, 91, 96  
 Araliaceae, 427, 429, 433, 440  
 Araliaceae, Development of the Digitately Decomposed Leaf in *Cussonia spicata*, 256  
 Araliaceae, The Cephaloschefflera Complex, Studies in Schefflera, 427  
 Aralia sect. Paratropia, 435, 441  
 — rigida, 435  
 Arctostaphylos uva-ursi, 135  
 Aronia, 360  
 Asian Section *Tittmannia*, *Lindernia brucei*, A New West Indian Species of the, 449  
 Asteriastigma, 55, 83, 96  
 Asteropeia, 26, 78, 85, 90, 96  
 — micraster, 26, 78  
 — rhopaloides, 26, 78  
 Asteropeiaceae, 78, 90, 96  
 Austrobaileya, 181  
 Austrobaileyaceae, 179, 181  
 Avena barbata, 409  
 Averrhoa, 224–227  
 Averrhoaceae, 224  
 Azara, 26, 40, 41, 62, 86, 87  
 — integrifolia, 26, 62  
 — microphylla, 26, 62  
 — serrata, 26, 62  
 — uruguayensis, 26  
 Baccharis, 310, 333  
 Balanopaceae, 168  
 Balanops, 168  
 Balsamina, 413  
 Balsaminaceae, 224, 413–426  
 Balsaminaceae in the Southeastern United States, The, 413  
 Balsamineae, 413  
 Banara, 26, 41, 43, 53, 85, 87  
 — axilliflora, 26, 53  
 — guianensis, 26, 53  
 — mollis, 27, 53  
 — nitida, 27, 53  
 — regia, 27, 53  
 — roigii, 27, 53  
 — vellozii, 27, 53  
 Barteria, 27, 75, 88  
 — fistulosa, 27



- Bartholomaea, 27, 41, 53, 84  
 — sessiliflora, 27  
 Bartonina, 211, 220  
 — paniculata, 211, 220  
 — texana, 211  
 — verna, 211, 216  
 — virginica, 211, 220  
 Bauerella, 164–170  
 — australiana, 167, 169  
 — baueri, 167, 169  
 — leiocarpa, 169  
 — simplicifolia, 168, 169  
 — — subsp. neo-scotica, 169  
 — — subsp. petiolaris, 169  
 — — subsp. simplicifolia, 168  
 Bauerella (Rutaceae), The Taxonomic Status of the Genus, 164  
 BAWA, KAMALJIT S., and OTTO T. SOLBRIG. Isozyme Variation in Species of *Prosopis* (Leguminosae), 398  
 Bennetiodendron, 27, 40, 41, 60, 61, 86, 87  
 — leprosipes, 27  
 Benzoin, 10  
 — aestivale, 12  
 — — — xanthocarpa, 13  
 — — pubescens, 13  
 — grandifolium, 15  
 — obtusilobum, 12  
 — praecox, 14  
 Berberidopsis, 27, 40, 41, 43, 44, 83, 89–91, 95–97  
 — corallina, 27  
 Betula papyrifera subsp. humilis, 135  
 Biophytum, 224–226  
 Bischoffia, 93  
 Bixaceae, 20, 21, 23, 92  
 Bixales, 20, 21, 88, 89, 93, 95  
 Boerlagiodendron, 433  
 Bogmoss, 249  
 Bogmoss family, 248  
 Bolboxalis, 229  
 Borbonia, 17  
 Brassaiia, 427–430, 433–435, 440, 441  
 — actinophylla, 427, 435, 436  
 — brassaiella, 436  
 — capitata, 434  
 — corallinocarpa, 436  
 — littorea, 432, 434  
 — macrostachya, 437, 438  
 — megalantha, 437  
 — pseudobrassaia, 438  
 — pullei, 436  
 — sessilis, 434  
 — stenopetala, 439  
 Brassaiopsis, 428  
 Bromelia, 376  
 Bromeliaceae, 375–397  
 Bromeliaceae subfam. Bromelioideae, 377, 378, 383, 395  
 — subfam. Pitcairnioideae, 376–378  
 — subfam. Tillandsioideae, 377, 378, 383  
 Bromeliaceae in the Southeastern United States, The Genera of, 375  
 Bromeliae, 375  
 Bromelia family, 375  
 Brossaea anastomosans, 241  
 — coccinea, 241  
 Buchnerodendron, 27, 40, 41, 43, 52, 83  
 — speciosum, 27  
 Bursera, 319, 334  
 — bipinnata, 319, 334  
 — tomentosa, 319, 334  
 Calamagrostis canadensis, 135  
 Calantica, 27, 41, 54, 55, 85, 87  
 — cerasifolia, 27  
 Californian laurel, 8  
 Calolisianthus, 211, 212  
 — frigidus, 212, 216  
 Caloncoba, 27, 41, 43, 49, 50, 84, 93  
 — brevipes, 27, 50  
 — echinata, 27, 50  
 — flagelliflora, 27, 50  
 — gilgiana, 27  
 — glauca, 28, 50  
 — schweinfurthii, 28  
 — welwitschii, 28, 50  
 Calycanthaceae, 180  
 Calycanthus fertilis, 180  
 Camptostylus, 28, 40, 41, 43–45  
 — aristatus, 28  
 — mannii, 28, 45  
 Canscora, 213  
 CANTINO, PHILIP D., and OTTO T. SOLBRIG. Reproductive Adaptations in *Prosopis* (Leguminosae, Mimosoideae), 185  
 Capparaceae, 95  
 Capparales, 95, 97  
 Caraguata, 383, 391  
 Carex, 130  
 — aquatilis, 135  
 — rostrata, 135  
 Carpotroche, 28, 40, 41, 43, 47, 83, 84  
 — brasiliensis, 28, 47  
 — platyptera, 28, 47  
 Carriera, 28, 40, 41, 43, 86  
 — calycina, 28, 65  
 Caryophyllaceae, 129, 457  
 Caryophyllus, 171  
 — aromaticus, 171  
 — cotinifolius, 171–175  
 — fruticosus, 171, 173  
 — pimento, 171  
 — racemosus, 171



- Caryophyllus cotinifolius*, What and Whence Was Miller's, 171  
*Casearia*, 28, 41, 66, 67  
— *iquitosensis*, 67  
— *javitensis*, 67  
*Cassia*, 306, 333  
*Catopsis*, 394, 395  
*Celastraceae*, 21  
*Celastrales*, 415  
*Centrolepidaceae*, 248  
*Cephaloschefflera*, 428  
*Cephaloschefflera* Complex, Studies in *Schefflera* (Araliaceae): The, 427  
*Cercidium*, 186  
*Chamaedaphne calyculata*, 135  
*Chelonanthus*, 212, 213, 216, 220  
— *alatus*, 212, 213, 220  
— *bifidus*, 213, 216  
— *uliginosus*, 213, 216  
*Chironia*, 213  
— *baccifera*, 213, 216  
*Chloranthaceae*, 181  
*Chlorocarpa*, 84  
*Chorisepalum*, 105  
*Cinnamomum cassia*, 7  
— *zeylanicum*, 7  
*Cistaceae*, 92  
*Cladocolea*, 265–335  
— subg. *Eucladocolea*, 271  
— subg. *Stachycolea*, 271  
— *andrieuxii*, 265, 267, 271, 272, 274–277, 301, 333, 334  
— *archeri*, 267, 269, 270, 273, 277–281, 327, 333, 334  
— *clandestina*, 269, 271, 273, 281, 282, 303, 306, 333, 334  
— *coyucae*, 269, 274, 282–285, 333, 334  
— *cupulata*, 274, 285, 286, 301, 322, 333, 334  
— *dimorpha*, 267, 269, 274, 286–288, 317, 333, 334  
— *glauca*, 267, 269, 271, 275, 288–290, 322, 333, 334  
— *gracilis*, 266, 267, 271, 274, 290–292, 333, 334  
— *grahami*, 267, 270, 271, 274, 286, 292–296, 311, 313, 324, 333, 334  
— *harlingii*, 267, 269, 270, 273, 274, 279, 296–298, 322, 333, 334  
— *hintonii*, 271, 274, 298, 333, 334  
— *hondurensis*, 274, 301, 333, 334  
— *inconspicua*, 266, 267, 269, 271–273, 281, 288, 301–304, 306, 333, 334  
— *inorna*, 267, 269, 271, 273, 288, 303–306, 333, 334  
— *loniceroides*, 267, 271, 272, 274, 298, 306–311, 316, 329, 333, 334  
*Cladocolea mcvaughii*, 267, 271, 274, 294, 301, 311–313, 334  
— *microphylla*, 267, 271, 272, 274, 298, 313–317, 329, 334  
— *oerstedii*, 271, 334  
— *oligantha*, 267, 269, 273, 274, 288, 317–319, 334  
— *pedicellata*, 269, 271, 275, 290, 319–322, 334  
— *pringlei*, 267, 271, 274, 286, 294, 301, 311, 313, 322–325, 334  
— *roraimensis*, 269, 273, 279, 326, 327, 334  
— *stricta*, 274, 327–329, 334  
— *tehuacanensis*, 267, 271, 274, 290, 329–331, 334  
*Cladocolea* (Loranthaceae), The Genus, 265  
*Cochlospermaceae*, 20, 23, 92  
*Colubrina*, 292, 333  
*Comastoma*, 215  
Combinations in Rauschel's Nomenclator, *Gaultheria swartzii*, nom. nov. and the, 240  
*Commelinaceae*, 248, 376  
*Compositae*, 129, 298, 310, 333, 334  
*Coutoubea*, 213  
— *spicata*, 213, 217  
*Crassulaceae*, 457, 458  
*Crataegus*, 290, 333  
*Crepinella*, 428  
*Croton niveus*, 303, 333  
*Cussonia*, 256, 260, 263  
— *arenicola*, 256  
— *gamtoosensis*, 256  
— *nicholsonii*, 256  
— *sphaerocephala*, 256  
— *spicata*, 256–263  
— *zuluensis*, 256  
*Cussonia spicata* (Araliaceae), Development of the Digitately Decomposed Leaf in, 256  
*Cyperaceae*, 129  
*Cyrtandra*, 164  
Cytotaxonomic Notes on Some Gentianaceae, 211  
  
*Dapania*, 224–226  
*Daphnidium*, 10  
*Dasylepis*, 28, 43, 45, 46  
— *brevipedicellata*, 28  
*Degeneriaceae*, 179  
*Dendropemon*, 273, 334  
*Dendropogon*, 383, 385  
*Dermatocarpon miniatum*, 133  
*Desmaria*, 269  
Development of the Digitately Decom-



- pound Leaf in *Cussonia spicata* (Araliaceae), 256
- DHAR, USHA, and M. R. VIJAYARAGHAVAN.  
*Kadsura heteroclita* — Microsporangium and Pollen, 176
- Diaphoranthema*, 383, 385
- Dichrostachys*, 202
- Dicyrta*, 365  
 — *parviflora*, 364, 365
- Didymopanax*, 428  
 — *allocotanthus*, 432
- Digitately Decomposed Leaf in *Cussonia spicata* (Araliaceae), Development of the, 256
- Dilleniaceae, 91, 97
- Dilleniales, 91, 92, 96, 97
- Dioncophyllaceae, 79, 90, 91
- Dioncophyllum*, 79, 84, 91, 96
- Dizygotheca*, 428
- Dovyalis*, 28, 62, 86, 87  
 — *caffra*, 28, 62
- Droseraceae, 91
- Elaeocarpaceae, 21, 85, 92, 95
- Eleutherandra*, 29, 41, 56  
 — *pes-cervi*, 29, 56
- Empetrum nigrum*, 135
- Enochoria*, 428, 435, 440, 441  
 — *sylvicola*, 440
- Epigaea cordifolia*, 240, 241
- Equisetum arvense*, 135  
 — *fluviatile*, 135  
 — *pratense*, 135
- Ericaceae, 129
- Eriocaulaceae, 248, 376
- Erythrospermum*, 29, 40, 41, 44, 89, 93  
 — *acuminatissimum*, 29, 44  
 — *candidum*, 29, 44
- Eugenia*, 171–173, 175  
 — *biflora*, 171  
 — *cotinifolia*, 173, 175  
 — *dussii*, 173, 175  
 — *fruticosa*, 171  
 — *lambertiana*, 173, 175  
 — *monticola*, 173  
 — *pseudopsidium*, 173, 175  
 — (*Syzygium*) *cormiflora*, 245
- Euodia*, 164
- Eupatorium mairetianum*, 310, 333
- Euphorbiaceae, 21, 93, 94, 97, 224
- Euphorbiales, 93, 97
- Euroschinus falcatus*, 245
- Evodiella*, 164
- Farinosae, 376
- Flacourtia*, 29, 41, 61, 86, 87  
 — *cataphracta*, 29  
 — *indica*, 29, 61
- Flacourtia rukam*, 29, 61  
 — *subintegra*, 29, 61
- Flacourtiaceae, 20–102  
 — tribe Banareae, 53, 80, 82, 85–87, 96  
 — tribe Berberidopsidae, 43, 80–83, 87, 95, 96  
 — tribe Caseariae, 21, 23, 40, 66, 80–82, 87, 88, 93, 96  
 — tribe Erythrospermeae, 81, 83  
 — tribe Flacourtieae, 23, 60, 80, 82, 86, 87, 90, 93, 96  
 — tribe Homalieae, 23, 54, 80, 82, 85–87, 93, 96  
 — tribe Idesiinae, 94  
 — tribe Oncobeeae, 20, 23, 47, 80–84, 95, 96  
 — tribe Pangieae, 23, 55, 80–84, 90, 95  
 — tribe Scolopieae, 21, 23, 52, 80, 82, 84, 86, 87, 91, 96
- Flacourtiaceae, Systematic Anatomy of the Xylem and Comments on the Relationships of, 20
- Flindersia*, 243–247  
 — *brassii*, 243–247  
 — *brayleyana*, 245, 246  
 — *fournieri*, 245–247  
 — *laevicarpa*, 245, 246  
 — — *laevicarpa*, 245  
 — *unifoliolata*, 243, 247
- Flindersia* (Rutaceae), Additional Notes on the Genus, 243
- FRODIN, D. G. Studies in *Schefflera* (Araliaceae): The *Cephaloschefflera* Complex, 427
- Gaultheria*, 240  
 — *anastomosans*, 241  
 — *coccinea*, 241  
 — *cordifolia*, 240, 241  
 — *domingensis*, 242  
 — *sphagnicola*, 240–242  
 — *swartzii*, 240–242
- Gaultheria swartzii*, nom. nov. and the Combinations in *Raeschel's* Nomenclator, 240
- Genera of Bromeliaceae in the South-eastern United States, The, 375
- Gentiana*, 211, 213–215, 220  
 — sect. *Chondrophyllae*, 213, 214, 220  
 — sect. *Gentiana*, 214  
 — sect. *Megalanthe*, 214  
 — sect. *Thylacites*, 214  
 — subg. *Eugentiana*, 214  
 — subg. *Gentianella*, 214  
 — *altaica*, 220  
 — *argentea*, 220  
 — aff. *briquetiana*, 221  
 — aff. *brunneo-tincta*, 221



- Gentiana capitata*, 220  
 — *carinata*, 220  
 — *corymbosa*, 215  
 — *crutwellii*, 220  
 — *dacrydioides*, 215  
 — aff. *dolichopoda*, 221  
 — *douglasiana*, 214, 220  
 — *ettinghausenii*, 220  
 — *inaequicalyx*, 221  
 — aff. *kuntzei*, 221  
 — *nevadensis*, 215  
 — *piundensis*, 220  
 — *primuloides*, 221  
 — *prostrata*, 214, 220  
 — *pulla*, 221  
 — *pyrenaica*, 220  
 — *sedifolia*, 213, 214, 217  
 — *zollingeri*, 220  
*Gentianaceae*, 103, 104, 211–222  
 — tribe *Gentianeae*, 104, 213  
 — subtribe *Chironiinae*, 213  
 — subtribe *Tachiinae*, 104  
*Gentianaceae*, Cytotaxonomic Notes on Some, 211  
*Gentianaceae*, The Neotropical Genus *Tachia*, 103  
*Gentianella*, 211, 214, 215, 220  
 — sect. *Andicola*, 214, 221  
 — sect. *Arctophila*, 214, 221  
 — sect. *Gentianella*, 214, 220  
 — *acuta*, 220  
 — *amarella*, 220  
 — — subsp. *lingulata*, 220  
 — *anisodonta*, 220  
 — *aspera*, 220  
 — *aurea*, 221  
 — *auriculata*, 214, 215, 220  
 — *austriaca*, 220  
 — *campestris* subsp. *campestris*, 220  
 — — subsp. *islandica*, 221  
 — *corymbosa*, 215, 217  
 — *crassulifolia*, 217  
 — *dacrydioides*, 215, 217  
 — *engadinensis*, 221  
 — *germanica*, 221  
 — *hypericifolia*, 221  
 — *insubrica*, 221  
 — *moorcroftiana*, 214, 215, 221  
 — *nevadensis*, 215, 217  
 — *peruviana*, 221  
 — *punicea*, 221  
 — *quinquefolia*, 221  
 — *rhaetica*, 221  
 — *saxosa*, 221  
 — *uliginosa*, 215, 221  
 — *umbellata*, 221  
*Gentianopsis*, 215  
*Geopanax*, 428  
 — *procumbens*, 431  
*Geraniaceae*, 224, 415  
*Geraniales*, 415  
*Gesneriaceae*, 364, 365, 367, 368, 449, 451–453  
*Gesneriaceae*, The Genus *Anetanthus*, 364  
*Glochidion*, 93  
*Goethalsia*, 83, 90, 96  
*Gossypiospermum*, 29, 67  
 — *praecox*, 29  
*Goyazia*, 367, 452  
 — *rupicola*, 367  
 — *villosa*, 367, 368  
 GRAHAM, S. A., and C. E. WOOD, JR. The *Podostemaceae* in the Southeastern United States, 456  
*Gramineae*, 129, 130  
*Grecian laurel*, 10  
*Grevillea pinnatifida*, 245  
*Guttiferae*, 23  
*Guzmania*, 391, 393–395  
*Gynocardia*, 30, 43, 56, 58, 84  
 — *odorata*, 30  
*Gyrophora mühlenbergii*, 133  
 Habitats, Species Versatility in Shore, 126  
*Halenia*, 215, 221  
 — *brevicornis*, 215, 217  
 — *corniculata*, 221  
 — *crassiuscula*, 221  
 — *cuatrecasasii*, 217  
 — *decumbens*, 221  
 — *deflexa*, 222  
 — *elliptica*, 222  
 — *inaequalis*, 215, 217  
 — *multiflora*, 222  
 — *phyllophora*, 217  
 — *rhyacophila*, 215, 217  
 — *shannonii*, 222  
 — *umbellata*, 222  
 — *viridis*, 217  
*Halfordia kendack*, 245  
*Hamamelidales*, 94  
 HARDIN, JAMES W. Hybridization and Introggression in *Quercus alba*, 336  
 Hardy in Temperate North America, *Lauraceae*, 1  
 HARTLEY, THOMAS G. A New Species of *Zanthoxylum* (*Rutaceae*) from New Guinea, 369  
 HARTLEY, T. G., and B. P. M. HYLAND. Additional Notes on the Genus *Flindersia* (*Rutaceae*), 243  
*Hasseltia*, 30, 41, 43, 72, 73, 85, 86  
 — *floribunda*, 30, 72, 73  
 — cf. *guatemalensis*, 30, 73



- Hasseltia lateriflora*, 30, 73  
 — *laxiflora*, 30, 73  
*Hasseltiopsis*, 85  
*Hecatostemon*, 30, 41, 68  
 — *guazumaefolius*, 30  
*Hechtia*, 395  
*Heliocarpus*, 285, 333  
*Himantandraceae*, 179  
*Homalium*, 30, 41, 55, 85, 87  
 — *foetidum*, 30, 55  
 — *grandiflorum*, 30, 55  
 — — *javanicum*, 30, 55  
 — *guianensis*, 30  
 — *hainanense*, 30, 55  
 — *letestui*, 30, 55  
 — *longifolium*, 31, 55  
 — *pallidum*, 31, 55  
 — *racemosum*, 31, 55  
 — *smythi*, 31, 55  
 — *stenophyllum*, 31, 55  
 — *tomentosum*, 31, 55  
 — *trichostemon*, 31, 55  
 HOWARD, RICHARD A. *Gaultheria swartzii*,  
 nom. nov. and the Combinations in  
*Raeuschel's Nomenclator*, 240  
 HOWARD, RICHARD A. *Lindernia brucei*,  
 A New West Indian Species of the Asian  
 Section *Tittmannia*, 449  
 HOWARD, RICHARD A. The Genus *Anetan-*  
*thus* (*Gesneriaceae*), 364  
 Hybridization and Introggression in *Quer-*  
*cus alba*, 336  
*Hydnocarpus*, 31, 40, 41, 43, 55, 56, 83,  
 84, 88, 93, 95, 96  
 — *gracilis*, 31, 56  
 — *heterophylla*, 31  
 — *kunstleri*, 31, 56  
 — *macrocarpus*, 31, 56  
 — *saigonensis*, 31, 56  
 — *sumatrana*, 31, 56, 83  
 — *venenata*, 31, 56  
 — *yatesii*, 31, 56  
*Hydrocera*, 413  
*Hydrostachyaceae*, 457, 458  
 HYLAND, B. P. M., and T. G. HARTLEY.  
 Additional Notes on the Genus *Flinder-*  
*sia* (*Rutaceae*), 243  
*Hymenocardia*, 93  
*Hypericaceae*, 23  
*Hypseocharis*, 224, 225  
*Hypseocharitaceae*, 224  
  
*Idesia*, 31, 32, 40, 41, 66, 86, 87, 94, 97  
 — *polycarpa*, 31, 32, 66  
*Impatiens*, 413, 414, 416–426  
 — sect. *Impatiens*, 416, 419  
 — sect. *Longicornes*, 419  
 — sect. *Microcentron*, 419  
 — sect. *Salpingochilon*, 419  
 — subsect. *Brachycentron*, 416  
 Introggression in *Quercus alba*, Hybridiza-  
 tion and, 336  
*Ionoxalis*, 229, 232  
 Isozyme Variation in Species of *Prosopis*  
 (*Leguminosae*), 398  
*Itoa*, 32, 41, 65, 66, 86, 87, 94, 97  
 — *stapfii*, 32, 66  
*Ixocactus*, 271, 273, 303  
 — *hutchisonii*, 271  
  
*Juncaceae*, 129  
*Juncus balticus* var. *littoralis*, 135  
  
*Kadsura*, 176  
 — *heteroclita*, 176–182  
 — *japonica*, 181  
 — *paucidenticulata*, 181  
 — *roxburghiana*, 181  
*Kadsura heteroclita* — *Microsporangium*  
 and Pollen, 176  
*Kiggelaria*, 32, 40, 43, 60, 93  
 — *africana*, 32  
 — *flavo-velutina*, 32  
 KUIJT, JOB. The Genus *Cladocolea*  
 (*Loranthaceae*), 265  
  
*Lacistema*, 84, 88, 93, 96  
*Lacistemaceae*, 81, 88, 93, 96  
*Laetia*, 32, 41, 43, 67, 68  
 — *apetala*, 32, 68  
 — *calophylla*, 32, 68  
 — *cupulata*, 32, 68  
 — *micrantha*, 32, 68  
 — *procera*, 32, 67, 68  
 — *suaveolens*, 32, 68  
 — *ternstroemioides*, 32, 68  
 — *thamnia*, 33  
*Lagenanthus*, 215, 216  
 — *parviflorus*, 216  
 — *princeps*, 215–217  
*Larrea*, 186  
 — *cuneifolia*, 208  
*Lauraceae*, 1–19  
*Lauraceae* Hardy in Temperate North  
 America, 1  
 Laurel, 9  
 Laurel family, 6  
*Laurus*, 6, 7, 9  
 — *azorica*, 9  
 — *benzoin*, 12  
 — *canariensis*, 9  
 — *caroliniensis*  $\beta$  *pubescens*, 18  
 — *nobilis*, 9, 10  
 — — — *angustifolia*, 10



- Laurus nobilis* f. *crispa*, 10  
 — — *salicifolia*, 10  
 — — *undulata*, 10  
 — — cv. *Angustifolia*, 10  
 — — cv. *Undulata*, 10  
 — *sassafras*, 16  
 Leaf in *Cussonia spicata* (Araliaceae),  
 Development of the Digitately De-  
 compound, 256  
*Leavenworthia*, 409  
*Lecanora cinerea*, 133  
*Ledum groenlandicum*, 135  
 Leguminosae, 185, 205, 333, 334, 398  
 — subfam. *Mimosoideae*, 185, 202  
 Leguminosae, Isozyme Variation in Species  
 of *Prosopis*, 398  
 Leguminosae, *Mimosoideae*, Reproductive  
 Adaptations in *Prosopis*, 185  
 Lepidobotryaceae, 224  
*Lepidobotrys*, 224, 225  
*Lethedon*, 33, 78, 79, 91, 96  
 — *le-ratii*, 33  
 — *setosa*, 33, 79  
*Licuala muelleri*, 245  
*Ligustrum*, 310, 333  
 Linaceae, 90  
*Lindackeria*, 33, 41, 43, 50, 84  
 — *dentata*, 33, 50  
 — *latifolia*, 33  
 — *laurina*, 33, 50  
 — *maynensis*, 33, 50  
 — *paludosa*, 33  
 — *paraensis*, 33  
*Lindera*, 7, 10, 11, 14  
 — *angustifolia*, 12, 14, 15  
 — *benzoin*, 11–13  
 — — — *xanthocarpa*, 13  
 — — — *pubescens*, 13  
 — *cercidifolia*, 11  
 — *erythrocarpa*, 12, 14  
 — *hypoglauca*, 14  
 — *megaphylla*, 12, 15  
 — *melissifolia*, 11, 13  
 — *obtusiloba*, 11, 12  
 — *praecox*, 11, 13, 14  
 — *triloba*, 10–12  
 — *umbellata*, 10, 12, 14  
 — — *hypoglauca*, 14, 15  
*Lindernia*, 451–453  
 — sect. *Tittmannia*, 449, 451–453  
 — *anagallis*, 452  
 — *brucei*, 449–455  
 — *diffusa*, 452  
 — *latifolia*, 454  
 — *montana*, 452  
 — *pyxidaria*, 452  
 — *stemodioides*, 452  
 — *viscosa*, 452  
*Lindernia brucei*, A New West Indian  
 Species of the Asian Section *Tittmannia*,  
 449  
 Loranaceae, 265, 266, 269, 270, 303, 327  
 Loranaceae, The Genus *Cladocolea*, 265  
*Loranthus*, 272, 334  
 — *clandestinus*, 281, 282, 334  
 — *grahami*, 292, 294, 334  
 — *inconspicuus*, 301, 304, 334  
 — *inornus*, 304, 306, 334  
 — *microphyllus*, 313, 317, 334  
 — *oerstedii*, 334  
 — *tehuacanensis*, 329, 331, 334  
*Loxania*, 266, 267, 271, 272, 308, 334  
 — *loniceroides*, 306, 310, 334  
 — *microphylla*, 313, 334  
*Ludia*, 33, 41, 43, 63, 64, 87  
 — *mauritiana*, 33  
 — *scolopioides*, 33, 64  
*Lunania*, 33, 70  
 — *cubensis*, 33  
 — *parviflora*, 33  
*Lysiloma*, 319, 334  
  
*Macrocarpaea*, 105, 216, 222  
 — *densiflora*, 217  
 — *glabra*, 217  
 — *thamnoides*, 216, 222  
 — *valerii*, 216, 222  
*Macrohasseltia*, 33, 41, 43, 74, 85, 86  
 — *macroterantha*, 33, 74  
*Macropanax*, 428  
 McVAUGH, ROGERS. What and Whence  
 Was Miller's *Caryophyllus cotinifolius*,  
 171  
 Magnoliaceae, 179  
 MAGUIRE, BASSETT, and RICHARD E.  
 WEAVER, JR. The Neotropical Genus  
*Tachia* (Gentianaceae), 103  
 Malpighiaceae, 123  
 Malpighiales, 224  
 Malvaceae, 310, 334  
 Malvales, 92, 93, 97  
*Massangea*, 391  
*Mayaca*, 248–251  
 Mayacaceae, 248–255  
 Mayacaceae in the Southeastern United  
 States, The, 248  
 Mayaceae, 248  
*Mayna*, 34, 40, 41, 43, 47, 49, 83, 84  
 — *amazonica*, 34, 47, 49  
 — *echinata*, 34, 47, 49  
 — *grandifolia*, 34, 47  
 — *longicuspis*, 34, 47, 49  
 — *longifolia*, 34, 47  
 — *odorata*, 34, 47  
 — *pacifica*, 34, 47, 49  
 — *zuliana*, 34, 47, 49



- Medusandra, 89  
 Medusandraceae, 76, 89, 96  
 Melastomataceae, 281, 333  
 Melicope, 164  
 Meryta, 433  
 — macrocarpa, 440  
 Metasequoia, 3  
 Metrosideros tetrapetala, 245  
 Microsemma, 33, 78, 91, 96  
 Microsporangium and Pollen, *Kadsura heteroclita*, 176  
 MILLER, REGIS B. Systematic Anatomy of the Xylem and Comments on the Relationships of Flacourtiaceae, 20  
 Miller's *Caryophyllus cotinifolius*, What and Whence Was, 171  
*Mimosa palmeri*, 303, 333  
 Myrcia, 171  
 — *citrifolia*, 171, 173  
 — *coriacea*, 171, 172  
 Myrica gale, 135  
 Myrtaceae, 173  
 Myzodendraceae, 267  
 Myzodendron, 267  
  
 Neocussonia, 428  
 Neoptychocarpus, 34, 40, 41, 71, 72, 81, 84, 87, 88, 93, 96  
 — *apodanthus*, 34  
 Neotropical Genus *Tachia* (Gentianaceae), The, 103  
 Nepenthaceae, 91, 457  
 Neptunia, 202  
 Neumannia, 77, 89, 90  
 Neumanniaceae, 77, 89, 90, 96  
 New Guinea, A New Species of *Zanthoxylum* (Rutaceae) from, 369  
 New West Indian Species of the Asian Section *Tittmannia*, *Lindernia brucei*, A, 449  
 Nomenclator, *Gaultheria swartzii*, nom. nov. and the Combinations in *Raueschel's*, 240  
 North America, Lauraceae Hardy in Temperate, 1  
 Notes on Some Gentianaceae, Cytotaxonomic, 211  
 Notes on the Genus *Flindersia* (Rutaceae), Additional, 243  
*Nuphar variegatum*, 135, 155  
  
 Octotheca, 428  
*Olmediella*, 34, 40, 41, 60, 86  
 — *betschleriana*, 34  
*Oncoba*, 34, 43, 49, 84  
 — *spinosa*, 34  
*Ophiobotrys*, 34, 70  
 — *zenkeri*, 34  
  
 Oregon myrtle, 8  
*Oreodaphne* subg. *Umbellularia*, 8  
 — *californica*, 8  
*Oreopanax*, 433  
 Orphium, 213  
*Oryctanthus*, 266, 272, 273, 334  
 — *andrieuxii*, 275, 334  
 — *archeri*, 277, 281, 334  
 — *grahami*, 294, 334  
 — *oerstedii*, 334  
 — *tehuacanensis*, 329, 334  
*Osmelia*, 34, 40, 43, 69, 70  
 — *grandistipulata*, 34, 70  
 — *philippina*, 35, 70  
*Osmoxylon*, 433  
*Ostrya*, 310, 333  
 — *virginiana*, 310, 333  
 Oxalidaceae, 223-239, 415  
 Oxalidaceae in the Southeastern United States, The, 223  
 Oxalideae, 223  
*Oxalis*, 224-227, 229-239  
 — sect. *Acetosellae*, 230  
 — sect. *Articulatae*, 234  
 — sect. *Corniculatae*, 227, 230, 234, 235  
 — sect. *Ionoxalis*, 225, 230, 232  
 — sect. *Oxalis*, 230  
 — subsect. *Boreales*, 234  
 — subsect. *Corniculatae*, 234  
 — subsect. *Strictae*, 235  
*Oxalis* family, 223  
  
*Pangium*, 35, 40, 41, 58, 84  
 — *edule*, 35  
*Parabenzoin*, 10, 14  
 — *praecox*, 14  
*Paratropia macrostachya*, 437  
*Parmelia saxatilis*, 133  
*Paropsia*, 21, 35, 75, 76, 88  
 — *braunii*, 35, 76  
 — *guineensis*, 35, 76  
 — *madagascariensis*, 35, 76  
 — *vareciformis*, 35, 76  
*Passiflora*, 93  
*Passifloraceae*, 21, 74-76, 82, 88, 89, 93, 96  
 — tribe *Paropsieae*, 21, 88, 95, 97  
*Passiflorales*, 21, 93, 97  
 Pepperwood, 8  
*Peridiscaceae*, 23, 76, 89, 93, 96  
*Peridiscus*, 35, 76, 77, 89, 93, 96  
 — *lucidus*, 35  
*Peristethium*, 279  
*Persea*, 7, 17, 18  
 — *americana*, 17  
 — — *drymifolia*, 17  
 — *borbonia*, 18  
 — — — *pubescens*, 18



- Persea humilis*, 18  
 — *littoralis*, 18  
 — *palustris*, 18, 19  
 — *pubescens*, 18  
*Phellodendron*, 165  
*Phthirusa*, 266, 272, 273, 281, 334  
 — *clandestina*, 281, 334  
 — *inconspicua*, 301, 334  
 — *microphylla*, 313, 334  
 — *oligantha*, 334  
 — *roraimensis*, 326, 327  
*Phyllanthus*, 93  
 — *acidus*, 224  
*Physcia caesia*, 133  
*Phytarrhiza*, 383  
*Picea mariana*, 135  
*Pimenta*, 171  
 Pineapple, 396  
*Pineda*, 35, 43, 53, 54, 85, 87  
 — *weberbaueri*, 35  
*Pinus*, 286, 333  
 Piperaceae, 457  
*Pitcairnia*, 376  
*Plerandra*, 428  
*Pleuranthodendron*, 35, 41, 43, 73, 85, 86  
 — *mexicana*, 35, 73  
*Podocarpus neriifolius*, 245  
*Podopterus mexicanus*, 292, 333  
 Podostemaceae, 456–465  
 — subfam. *Podostemoideae*, 457, 461  
 — tribe *Mourereae*, 457  
 — tribe *Podostemeae*, 457, 461  
 — subfam. *Tristichoideae*, 457  
 — tribe *Tristicheae*, 457  
 — tribe *Weddelineae*, 457  
 Podostemaceae in the Southeastern United States, The, 456  
*Podostemeae*, 456  
*Podostemum*, 456, 457, 461–465  
*Poliothyrsis*, 35, 40, 41, 65, 86, 87  
 — *sinensis*, 35  
 Pollen, *Kadsura heteroclita* — *Microsporangium* and, 176  
 Polygalaceae, 414  
 Polygonaceae, 457  
 Pontederiaceae, 376  
*Populus*, 94, 97, 310, 333  
 — *balsamifera*, 135  
*Potamogeton*, 130  
*Prockia*, 36, 43, 72, 85–88, 96  
 — *crucis*, 36, 72  
*Prosopis*, 185–210, 398–412  
 — sect. *Algarobia*, 193, 194, 196, 199, 399  
 — sect. *Cavenicarpa*, 199, 399  
 — sect. *Strombocarpa*, 193, 194, 199  
 — *alba*, 194, 199, 398, 400, 402, 405, 406, 408, 409  
*Prosopis algarobilla*, 400, 402, 404–406, 408, 409, 411  
 — *alpataco*, 400, 402, 404–406, 408–411  
 — *caldenia*, 194, 199, 400, 402, 405, 406, 408, 409, 411  
 — *chilensis*, 185–189, 192–194, 196, 199, 201, 203–206, 208, 398, 400, 402, 405, 406, 408, 409, 411  
 — *ferox*, 199, 400, 411  
 — *flexuosa*, 185–187, 189, 192–196, 199, 201, 203–206, 208, 400, 402, 405, 409  
 — *glandulosa*, 194, 198, 199, 208, 398, 400, 402, 405, 407–409, 411  
 — *juliflora*, 401, 403–405, 407–411  
 — *kuntzei*, 194  
 — *laevigata*, 194, 199, 401, 403–405, 407, 409  
 — *nigra*, 194, 199, 398, 401, 403, 405, 407–409  
 — *pubescens*, 199  
 — *pugionata*, 194  
 — *reptans*, 193, 194  
 — *ruscifolia*, 194, 199, 206, 208, 398, 401, 403–405, 407–411  
 — *sericantha*, 194, 199, 401, 403, 407–410  
 — *strombulifera*, 193, 194, 199  
 — *tamarugo*, 199, 398, 401, 403–405, 408–411  
 — *torquata*, 193, 194, 199, 202  
 — *velutina*, 185–187, 189, 192–194, 196, 199, 203, 205, 206, 208, 209, 398, 401, 403–405, 407–409, 411  
*Prosopis* (Leguminosae), Isozyme Variation in Species of, 398  
*Prosopis* (Leguminosae, Mimosoideae), Reproductive Adaptations in, 185  
*Prunus persica*, 333  
*Pseudopanax*, 428  
*Pseudoscolopia*, 84  
*Pseudowintera colorata*, 179, 181  
*Psittacanthus*, 267  
*Psychotria guianensis*, 240  
 — *officinalis*, 240  
 — *paniculata*, 240  
 — *racemosa*, 240  
*Quassia bidwillii*, 245  
*Quercus*, 275, 294, 295, 301, 310, 313, 316, 317, 322, 324, 325, 333, 334  
 — subg. *Lepidobalanus*, 336, 342  
 — subg. *Quercus*, 336, 342, 358  
 — *alba*, 336–363  
 — — × *austrina*, 346, 351  
 — — × *bicolor*, 339, 346, 347, 351, 352  
 — — × *durandii*, 346  
 — — × *lyrata*, 347, 348, 357  
 — — × *macranthera*, 359  
 — — × *macrocarpa*, 348–350



- Quercus alba* × *margaretta*, 350, 351, 356  
 — — × *michauxii*, 351, 352, 355  
 — — × *muehlenbergii*, 351–353  
 — — × *prinoides*, 353, 354  
 — — × *prinus* (*montana*), 351, 354, 355  
 — — × *robur*, 355, 356, 358  
 — — × *stellata*, 350, 356, 357  
 — — × *stellata* var. *margaretta*, 350  
 — — × *suber*, 359  
 — *aristata*, 313, 334  
 — *austrina*, 340, 342, 346, 351, 357  
 — × *beadlei*, 351  
 — × *bebbiana*, 348  
 — *bicolor*, 338, 347, 353, 358  
 — × *bimundorum*, 355, 358  
 — *chapmanii*, 338, 358  
 — × *deamii*, 352, 353  
 — *durandii*, 342, 346  
 — × *faxonii*, 352, 353  
 — × *fernowii*, 350, 356  
 — *gambelii*, 337  
 — *havardii*, 337  
 — × *jackiana*, 346  
 — *lyrata*, 347, 348  
 — *macrocarpa*, 338, 348–350, 353, 360  
 — — × *muehlenbergii*, 353  
 — *macrophylla*, 313, 334  
 — *margaretta*, 346, 350, 351, 357  
 — *mexicana*, 316  
 — *michauxii*, 338, 351, 352, 358  
 — *minima*, 358, 359  
 — *montana*, 352, 355  
 — *muehlenbergii*, 352, 353  
 — *oglethorpensis*, 338, 358  
 — *prinoides*, 354  
 — *prinus*, 338, 351, 352, 354, 355, 360  
 — *robur*, 337, 340, 355, 356  
 — × *saulii*, 354  
 — *sinuata*, 346  
 — *stellata*, 337, 356, 357, 360  
 — *undulata*, 357  
 — *virginiana*, 338, 358  
*Quercus alba*, Hybridization and Introgression in, 336  
  
 Rauschel's Nomenclator, *Gaultheria swartzii*, nom. nov. and the Combinations in, 240  
 Ranales, 176  
*Randia*, 292, 304, 333  
 Ranunculaceae, 129  
 Rapateaceae, 248  
 RAUP, HUGH M. Species Versatility in Shore Habitats, 126  
*Rawsonia*, 36, 46, 47, 93  
 — *ulugurensis*, 36  
 Red bay, 18  
 Relationships of Flacourtiaceae, Systematic Anatomy of the Xylem and Comments on the, 20  
*Renalmia*, 383  
 Reproductive Adaptations in *Prosopis* (Leguminosae, Mimosoideae), 185  
 Restionaceae, 248  
 REYNEKE, W. F., and H. P. VAN DER SCHIJFF. Development of the Digitately Decomposed Leaf in *Cussonia spicata* (Araliaceae), 256  
*Rhizocarpon geminatum*, 133  
*Rhodamnia blairiana*, 245  
 Riverweed, 463  
 Riverweed family, 456  
 ROBERTSON, KENNETH R. The Oxalidaceae in the Southeastern United States, 223  
 Rosaceae, 129  
 Rubiaceae, 240  
 RÜDENBERG, LILY, and RICHARD E. WEAVER, JR. Cytotaxonomic Notes on Some Gentianaceae, 211  
*Rumfordia*, 310, 333  
*Russelia*, 364  
 — *alata*, 364  
 Rutaceae, 164, 243, 369  
 Rutaceae, Additional Notes on the Genus *Flindersia*, 243  
 Rutaceae, from New Guinea, A New Species of *Zanthoxylum*, 369  
 Rutaceae, The Taxonomic Status of the Genus *Bauerella*, 164  
 Rutales, 224  
*Ryania*, 36, 40, 43, 68, 69  
 — *angustifolia*, 36, 69  
 — *pyrifera*, 36, 69  
 — *speciosa* var. *chocoensis*, 36, 69  
*Ryparosa*, 36, 41, 43, 59, 60  
 — *javanica*, 36  
 — *kunstleri*, 36, 59  
  
*Sabatia*, 213  
*Saintpaulia*, 451  
 Salicaceae, 94, 129  
 Salicales, 94, 95, 97  
*Salix*, 94, 97, 130, 310, 329, 334  
 — *bebbiana*, 135  
 — *glauca* var. *acutifolia*, 135  
 — *planifolia*, 135  
*Samyda*, 36, 71  
 — *dodecandra*, 36  
 — *macrantha*, 36  
 Samydaceae, 21  
 Santalales, 303  
 Sapindales, 415  
*Sarcandra irvingbaileyi*, 181  
*Sarcotheca*, 224–226  
 Sassafras, 7, 15, 16  
 — *albidum*, 16, 17



- Sassafras albidum* f. *moldenkei*, 17  
 — — *albidum*, 17  
 — — *molle*, 16  
 — *officinale*, 16  
 — — *albidum*, 16  
 — *randaiense*, 16  
 — *tzuma*, 16  
 — *variifolium*, 16  
*Saxifragaceae*, 129  
*Scaphocalyx*, 36, 40, 43, 59  
 — *spathacea*, 36  
*Schefflera*, 427–448  
 — sect. *Brassaia*, 429, 434–436, 441  
 — sect. *Cephaloschefflera*, 427–435, 440  
 — sect. *Euschefflera*, 428, 429, 432, 440  
 — sect. *Schefflera*, 429  
 — subsect. *Actinophyllae*, 434, 435  
 — subsect. *Cephaloschefflera*, 434  
 — *actinophylla*, 427, 431, 433, 435–439  
 — *affinis*, 440  
 — *angiensis*, 432  
 — *apiculata*, 432  
 — *barteri*, 431, 432  
 — *bougainvilleana*, 431  
 — *brassaiella*, 436, 438  
 — *capitata*, 431, 434  
 — *carrii*, 431  
 — *cephalotes*, 432–435  
 — *chaetorrhachis*, 431  
 — *chinensis*, 432, 433  
 — *corallinocarpa*, 436, 437  
 — *digitata*, 428  
 — *euryphylla*, 432  
 — *gigantea*, 438  
 — *goetzenii*, 431  
 — *havilandii*, 432, 435  
 — *hellwigiana*, 431  
 — *herthae*, 430  
 — *heterotricha*, 432  
 — *hullettii*, 432, 435  
 — *hypoleuca*, 433  
 — *hypoleucoides*, 433  
 — *khasiana*, 431, 434  
 — *kraemeri*, 433, 437  
 — *lasiosphaera*, 431, 432  
 — *latifoliolata*, 432, 435  
 — *littorea*, 434  
 — *lucescens*, 435  
 — *macrostachya*, 437, 439  
 — *mannii*, 431  
 — *megalantha*, 437, 438  
 — *merrillii*, 432  
 — *morobeana*, 431  
 — *ovalis*, 438  
 — *pachyclada*, 437  
 — *pachystyla*, 431, 438  
 — *petiolosa*, 432  
 — *pseudobrassaia*, 438  
 — *Schefflera pullei*, 436, 438  
 — *rigida*, 435  
 — *robusta*, 431  
 — *rubiginosa*, 432  
 — *schumanniana*, 429, 431  
 — *sciadophyllum*, 431, 434  
 — *scortechinii*, 432  
 — *secunda*, 438, 439  
 — *sessilis*, 434  
 — *singaporensis*, 436  
 — *sphaerocoma*, 431  
 — *stenopetala*, 439  
 — *stolleana*, 431  
 — *stolzii*, 431  
 — *ternata*, 430  
 — *thausasiantha*, 433, 438, 439  
 — *tomentosa*, 432, 434  
 —  *trianae*, 432  
 — *venulosa*, 434  
 — *versteegii*, 432  
 — *volkensis*, 431, 434  
 — *wallichiana*, 431, 434  
 — *waterhousei*, 437, 439  
 — *yatesii*, 432  
*Schefflera* (*Araliaceae*): The *Cephaloschefflera* Complex, Studies in, 427  
*Scheffleropsis*, 428  
*Schisandraceae*, 176, 179, 181  
*Schisandra chinensis*, 181  
 — *coccinea*, 181  
 — *grandiflora*, 179–181  
 — *henryi*, 179  
 — *neglecta*, 179, 181  
 — *nigra*, 181  
*Schlumbergera*, 391  
*Sciadophyllum macrostachyum*, 437, 438  
*Scolopia*, 37, 41, 43, 52, 84, 85, 87  
 — *luzonensis*, 37, 52  
 — *mundii*, 37  
 — *spinosa*, 37, 52  
 — *thouvenotii*, 37  
 — *zeyheri*, 37, 52  
*Scottellia*, 37, 41, 43, 46  
 — *klaineana*, 37, 46  
 — — *mimfiensis*, 37  
*Scrophulariaceae*, 129, 364, 365, 368, 451–453, 457  
*Semeiocardium*, 414  
*Shore Habitats, Species Versatility in*, 126  
*Simaroubaceae*, 415  
*Sipapoa vestita*, 123  
*Siphonodon*, 21  
 SMITH, LYMAN B., and CARROLL E. WOOD, JR. *The Genera of Bromeliaceae in the Southeastern United States*, 375  
*Sodirola*, 391  
*Solanum refractum*, 311, 334  
 SOLBRIG, OTTO T., and KAMALJIT S.



- BAWA. Isozyme Variation in Species of *Prosopis* (Leguminosae), 398
- SOLBRIG, OTTO T., and PHILIP D. CANTINO. Reproductive Adaptations in *Prosopis* (Leguminosae, Mimosoideae), 185
- Southeastern United States, The Balsaminaceae in the, 413
- Southeastern United States, The Genera of Bromeliaceae in the, 375
- Southeastern United States, The Mayacaceae in the, 248
- Southeastern United States, The Oxalidaceae in the, 223
- Southeastern United States, The Podostemaceae in the, 456
- Soyauxia, 37, 76, 89, 96  
— *grandifolia*, 37
- Sparmannia, 83
- Species of *Prosopis* (Leguminosae), Isozyme Variation in, 398
- Species of the Asian Section *Tittmannia*, *Lindernia brucei*, A New West Indian, 449
- Species of *Zanthoxylum* (Rutaceae) from New Guinea, A New, 369
- Species Versatility in Shore Habitats, 126
- Spice bush, 12
- Spirostylis*, 270
- SPONGBERG, STEPHEN A. Lauraceae Hardy in Temperate North America, 1
- Status of the Genus *Bauerella* (Rutaceae), The Taxonomic, 164
- Stemodia*, 365  
— *parviflora*, 365  
— *peduncularis*, 365, 452
- Sterculiaceae, 92
- Stereocaulon tomentosum*, 133
- Strepsia*, 383
- Streptothamnus*, 37, 40, 41, 43, 83, 89–91, 95–97  
— *moorei*, 37
- Struthanthus*, 265, 266, 269–273, 279, 280, 324, 334, 335  
— *alni*, 275, 277, 334  
— *grahami*, 294, 334  
— *haenkei*, 324  
— *hunnewellii*, 308, 310, 335  
— *inconspicuus*, 302, 335  
— *inornus*, 304, 335  
— *johnstonii*, 273  
— *leptostachyus*, 279  
— *loniceroides*, 306, 335  
— *mexicanus*, 308, 310, 335  
— *microphyllus*, 313, 335  
— *oliganthus*, 317, 319, 335  
— *orbicularis*, 270, 273, 279, 296  
— *palmeri*, 324
- Struthanthus polystachyus*, 270, 273, 277, 279  
— *venetus*, 324
- Studies in *Schefflera* (Araliaceae): The *Cephaloschefflera* Complex, 427
- Swamp bay, 18
- Sweet bay, 9, 10, 17, 18
- Symbolanthus*, 212, 216, 222  
— *pulcherrimus*, 222  
— *tricolor*, 217
- Systematic Anatomy of the Xylem and Comments on the Relationships of *Flacourtiaceae*, 20
- Syzygium*, 171
- Tachia*, 103–125  
— sect. *Schomburgkiana*, 103, 104, 108, 109  
— sect. *Tachia*, 103, 104, 108  
— *gracilis*, 104, 108, 109, 122, 123  
— *grandiflora*, 108, 109, 117, 119  
— *grandifolia*, 104, 108–110, 113  
— — *grandifolia*, 113  
— — *orientalis*, 110–113  
— *guianensis*, 104, 108, 109, 113–115, 117  
— *loretensis*, 104, 108, 109, 117  
— *occidentalis*, 104, 108, 109, 115, 116  
— *parviflora*, 103, 104, 108, 109, 123–125  
— *schomburgkiana*, 103, 104, 108, 109, 119–121  
— *smithii*, 108, 109, 117
- Tachia* (Gentianaceae), The Neotropical Genus, 103
- Tamala*, 17  
— *palustris*, 18
- Tamaricaceae, 95
- Tamaricales, 95, 97
- Tapina*, 367  
— *villosa*, 364, 367
- Taraktogenos*, 55, 83, 96
- Taxodium*, 393
- Taxonomic Status of the Genus *Bauerella* (Rutaceae), The, 164
- Temperate North America, Lauraceae Hardy in, 1
- Tetrameristaceae, 90
- Tetranthera californica*, 8
- Tetrathylacium*, 37, 43, 71, 80, 87, 88, 96  
— *johansenii*, 37, 71  
— *macrophyllum*, 37, 71
- Theaceae, 21, 78, 91, 96
- Theales, 21, 92, 97
- Thevetia*, 283, 333
- THIERET, JOHN W. The Mayacaceae in the Southeastern United States, 248
- Thymelaeaceae, 78, 91, 96
- Tiliaceae, 21, 82, 83, 85–87, 90, 96, 97  
— tribe *Prockieae*, 40, 72, 82, 85–87, 95–97



- Tiliales, 89, 91, 97  
 Tillandsia, 378, 383-389, 391, 395  
 — subg. Allardtia, 385  
 — subg. Diaphoranthema, 385, 387  
 — subg. Phytarrhiza, 385, 387  
 — subg. Tillandsia, 385  
 Tittmannia, 451, 452  
 Torrenia violacea, 452  
 Touch-me-not, 416  
 Touch-me-not family, 413  
 Tournefortia fuliginosa, 281, 333  
 Trevirania, 365  
 — parviflora, 365  
 Trichadenia, 37, 41, 58, 59  
 — philippinensis, 37  
 Tricomaria usillo, 208  
 Trimeria, 38, 43, 54, 85, 87, 96  
 — tropica, 38  
 Triphyophyllum, 38, 79, 84, 90, 91  
 — peltatum, 38  
 Tristerix, 269  
 Tropaeolaceae, 224  
 Tupidanthus, 428  
 Tytonia, 413, 414  
  
 Umbelliferae, 428  
 Umbellularia, 7, 8  
 — californica, 8, 9  
 — — — pendula, 9  
 — — — fresnensis, 9  
  
 Vandellia, 451, 452  
 — angustifolia, 452  
 — crustacea, 452  
 — diffusa, 452  
 — racemosa, 452  
 VAN DER SCHIJFF, H. P., and W. F. REY-  
 NEKE. Development of the Digitately  
 Decompound Leaf in *Cussonia spicata*  
 (Araliaceae), 256  
 Variation in Species of *Prosopis* (Legu-  
 minosae), Isozyme, 398  
 Vavaea amicorum, 245  
 Vepris simplicifolia, 168, 169  
 Vernonia, 310, 334  
 Verrucaria, 133  
 — nigrescens, 133  
 Versatility in Shore Habitats, Species, 126  
 VIJAYARAGHAVAN, M. R., and USHA DHAR.  
*Kadsura heteroclita* — Microsporangium  
 and Pollen, 176  
 Violaceae, 92, 93, 415  
 — tribe Rinorea, 93  
 Violales, 21, 92, 94, 95, 97  
 Vitex acuminata, 245  
  
 WEAVER, RICHARD E., JR., and BASSETT  
 MAGUIRE. The Neotropical Genus  
*Tachia* (Gentianaceae), 103  
 WEAVER, RICHARD E., JR., and LILY RÜ-  
 DENBERG. Cytotaxonomic Notes on  
 Some Gentianaceae, 211  
 West Indian Species of the Asian Section  
*Tittmannia*, *Lindernia brucei*, A New,  
 449  
 What and Whence Was Miller's *Caryo-*  
*phyllum cotinifolius*, 171  
 Whittonia, 89  
 Wild pine, 385  
 Winteraceae, 179, 181  
 WOOD, CARROLL E., JR. The Balsamina-  
 ceae in the Southeastern United States,  
 413  
 WOOD, CARROLL E., JR., and LYMAN B.  
 SMITH. The Genera of Bromeliaceae  
 in the Southeastern United States, 375  
 WOOD, C. E., JR., and S. A. GRAHAM. The  
 Podostemaceae in the Southeastern  
 United States, 456  
 Wood-sorrel, 230  
  
*Xanthophyllum octandrum*, 245  
*Xanthoxalis*, 229, 234, 235  
 Xylem and Comments on the Relation-  
 ships of Flacourtiaceae, Systematic  
 Anatomy of the, 20  
*Xylosma*, 38, 41, 64, 65, 86, 87  
 — benthamii, 38, 64  
 — congestum, 38, 64, 65  
 — flexuosa, 38, 64  
 — longifolium, 38, 64  
 — nelsonii, 38, 64  
 — panamensis, 38, 64, 65  
 — pilosum, 38, 64  
 — prunifolium, 38, 64  
 — salzmanni, 38, 64, 65  
 — venosum, 39, 64  
 Xyridaceae, 248  
  
*Zanthoxylum*, 303, 333, 369, 371  
 — backeri, 371  
 — forbesii, 371, 373  
 — megistophyllum, 371, 373  
 — novoguineense, 369-373  
 — retroflexum, 371  
*Zanthoxylum* (Rutaceae) from New  
 Guinea, A New Species of, 369  
 Zosteraceae, 129  
*Zuelania*, 39, 69  
 — guidonia, 39, 69